

CHEMICAL CORPS  
CHEMICAL AND RADIOLOGICAL LABORATORIES  
Army Chemical Center  
Maryland

SYMPOSIUM VII

INCENDIARY GELS AND THEIR INSTRUMENTATION

All technical sessions held in Post Theatre

Monday, 27 June 1955

INTRODUCTIONS

9:30 AM

1. Survey of Instrumentation of Incendiary Gels 9:45 AM  
L. Finkelstein, Cml C Chemical and Radiological Laboratories, Army Chemical Center, Md.
2. The Application of the McKee Consistometer 10:15 AM  
to Incendiary Gels  
A. B. Bestul, Division of Heat & Power,  
National Bureau of Standards, Washington,  
D. C.
3. Viscoelasticity of Aluminum Soap Gels 10:45 AM  
W. Philippoff, The Franklin Institute,  
Philadelphia, Pennsylvania
4. Flow Properties of Aluminum Soap Gels 11:15 AM  
W. H. Bauer, Rensselaer Polytechnic  
Institute, Troy, New York

LUNCH

5. Theory of Non-Newtonian Flow as Applied to 2:00 PM  
Napalm Gels  
Henry Eyring, University of Utah, Salt Lake  
City, Utah
6. Viscoelasticity of Rubber 2:30 PM  
A. V. Tobolsky, Princeton University,  
Princeton, New Jersey
7. Stress Relaxation of Rubber-like Material 3:00 PM  
H. Leaderman, National Bureau of Standards,  
Washington, D. C.

Incl 1 *to Incl 1*

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INCENDIARY GELS AND THEIR INSTRUMENTATION

Tuesday, 28 June 1955

1. Dynamic Bulk Modulus of Rubber-like Materials 9:30 AM  
R. S. Marvin, Rubber Section, National Bureau  
of Standards, Washington, D. C.
2. Viscosity of Carboxymethyl Cellulose Solutions 10:00 AM  
J. H. Elliott and E. H. DeButts, Hercules  
Experiment Station, Wilmington, Delaware
3. Rheology of Vinyl Dispersions 10:30 AM  
E. T. Severs, Mellon Institute, Pittsburgh,  
Pennsylvania
4. Degradation of Polymers 11:00 AM  
L. A. Wall, National Bureau of Standards,  
Washington, D. C.

LUNCH

5. Evaluation of Synthetic Latices 2:00 PM  
L. H. Howland, United States Rubber Company,  
Naugatuck, Connecticut
6. Theory of Flame Thrower Jet Stability 2:30 PM  
M. Mooney, United States Rubber Company  
General Laboratories, Passaic, New Jersey
7. Stability Conditions for a Fluid Jet 3:00 PM  
P. Debye, Cornell University, Ithaca, New  
York

Commanding Officer  
Cml C Chemical and Radiological Laboratories  
Army Chemical Center, Maryland  
ATTN: Chairman, Symposium VII

will  
I will not accept the invitation to attend  
Symposium VII.

Yes No

1. I am an American citizen.
2. Accommodations in Army Barracks  
at Army Chemical Center requested.
3. Accommodations in Baltimore hotel  
will be obtained personally.
4. Attendance at buffet dinner on  
evening of 27 June (cost about  
\$3.00 including cocktails).
5. Travel expenses will be charged  
to a Government contract with

Give name of Govt.  
Organization

6. Travel expenses provided by  
my employer

Give name of Employer

7. Government orders to travel  
as a consultant or member of  
an advisory committee will be  
obtained from

Give name of Govt.  
Organization

8. Method of travel (train schedules  
will be supplied early in May to  
all participants).

Train Auto  
Cross out one

9. I am affiliated with

Name of Company

Name (Please print or type) Address

(Please print or type)

Signature

Please reply before MAY 20 1955  
Incl 2 to Incl 1

E-5561

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CENTRAL INTELLIGENCE AGENCY  
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TO		INITIALS	DATE
1	Director of Training Attn: XO/TR	<i>[Signature]</i>	13 May
2			
3	TSS - [Redacted]		24 May <i>[Signature]</i>
4	Dir. of Training XO/TR	<i>[Signature]</i>	25 May
5			

FROM		INITIALS	DATE
1	DC/OS	<i>[Signature]</i>	12 May
2			
3			

☐ APPROVAL    ☐ INFORMATION    ☐ SIGNATURE  
☐ ACTION    ☐ DIRECT REPLY    ☐ RETURN  
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Remarks: Of no interest to Operations School.  
Suggest it be forwarded to Chemical  
Division/TSS.

4 - no interest in TSS/CD -  
Thank you.

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1	DIRECTOR OF TRAINING	<i>WBA</i> <i>for DTR</i>	11 May
2	<i>C/O S/TR</i>	<i>12 May</i>	
3	<i>DC/O S</i>	<i>12 May</i>	
4			
5			
FROM		INITIALS	DATE
1	Assist. to the Director	<i>FM</i>	10 May
2			
3			

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